

**ARBITER HAVING PROGRAMMABLE ARBITRATION POINTS
FOR UNDEFINED LENGTH BURST ACCESSES AND METHOD**

Abstract of the Invention

5

An arbitration control circuit (11) for arbitrating access to a slave device (4) by a plurality of master devices (2, 3) includes an undefined length burst (ULB) arbitration logic circuit (12). The ULB arbitration logic
10 circuit (12) includes a counter (26) and a control register (24). The control register (24) stores a predetermined value. During a ULB access of the slave device (4), the counter (26) is loaded with the predetermined value and is decremented for each beat of the undefined length burst access. Arbitration of the slave device (4) is only allowed after the predetermined number of
15 access beats during the undefined length burst access.